

## CLAIMS

1. A playback apparatus for playing back video data, comprising:  
    identifying means for identifying second position information which is relative position information, relative to a starting frame of the video data, of a playback frame which is a frame corresponding to a frame playback instruction using first position information which is absolute position information as to each frame of the video data; and  
    playback means for playing back the playback frame corresponding to the second position information identified by the identifying means.
2. The playback apparatus according to claim 1, wherein the first position information is a time code indicating an absolute position of the frame, using a real time.
3. The playback apparatus according to claim 1, wherein the first position information is a time code indicating an absolute position of the frame, using time information relative to a predetermined time.
4. The playback apparatus according to claim 1, wherein the second position information is a time code indicating a relative position of the frame, using a frame number indicating the number of frames counted from the starting frame of the video data.

5. The playback apparatus according to claim 1, wherein the identifying means identifies the second position information as to the playback frame, based on table information that associates the first position information with the second position information and has an element of a correlation between the first position information and the second position information at a change point which is a frame where a type of change pattern of a value of the first position information changes.

6. The playback apparatus according to claim 5, wherein each element of the table information includes status information indicating a type of change pattern of a value of the first position information as to a frame after the change point.

7. The playback apparatus according to claim 5, wherein in each status section which is grouped by the change point in the table information and composed of a plurality of consecutive frames having the same status information, the identifying means performs determination whether the first position information of the playback instruction exists, and identifies the second position information as to the playback frame, based on a result of the determination.

8. The playback apparatus according to claim 7, wherein the identifying means performs the determination in turn for consecutive status sections in a direction that increases the

second position information if a value of the first position information of the playback instruction is larger than a value of the first position information as to a frame that is currently played back, and the identifying means performs the determination in turn for consecutive status sections in a direction that decreases the second position information if a value of the first position information of the playback instruction is smaller than a value of the first position information as to a frame that is currently played back.

9. A playback method for playing back video data, comprising:

- accepting a playback instruction to play back a frame, using first position information which is absolute position information as to each frame of the video data;

- identifying second position information which is relative position information, relative to a starting frame of the video data, of a playback frame; and

- playing back a frame corresponding to the second position information identified.

10. A program for allowing a computer to execute processing for playing back video data, comprising:

- accepting a playback instruction to play back a frame, using first position information which is absolute position information as to each frame of the video data;

- identifying second position information which is relative position information, relative to a starting frame of the video

data, of a playback frame; and

playing back a frame corresponding to the second position  
information identified.